

BOOKS II & III INDEX

ACID PROOF	
Brick Linings -----	3-510
Mortar & Cement -----	3-510
Trench Lining -----	3-520
ACID TRENCH -----	3-520
ALUMINUM ALLOY STRUCTURES -----	3-801
ANCHOR BOLTS	
Prefabricated Buildings -----	3-820
Setting in Concrete -----	3-201
Setting in Existing Concrete -----	3-204
Sleeves -----	3-203
Temporary Buildings -----	3-325
ANCHORS, STRUCTURAL	
Hurricane, for Temporary Buildings -----	3-325
Piling -----	3-605
ANGLE IRON BRACKETS -----	3-815-1, 3-815-2
ARCHITECTURAL METAL -----	3-801
ASBESTOS ROOFING & SIDING, CORRUGATED -----	8-802
ASPHALT SHINGLES -----	8-810
AUTOMOBILE WHEEL HOSE RACKS -----	3-320
BACKFILL -----	2-110
BALLAST, RAILROAD -----	2-560
BANDING OPENINGS IN GRATINGS, DECKS, & PLATFORMS -----	3-853
BOLTING, STRUCTURAL	
Aluminum to Dissimilar Metals -----	3-801
Ladders and Safety Cages -----	3-840
Metal Structures, Fabrication & Erection -----	3-801
Pipeway Bridges -----	3-860-1, 3-860-2, 3-860-3
Platforms, Stairs & Railings --	3-885
Vessel Platforms -----	3-818
BRACKETS, STRUCTURAL	
Angle Iron -----	3-815-1, 3-815-2
Vessel Platform -----	3-818
BRICK	
Acid Proof Lining -----	3-510
Acid Trench -----	3-520
General Specifications -----	3-501
Mortar -----	3-501
BRIDGES, PIPEWAY, STRUCTURAL STEEL	
Column Connections	
Expansion End -----	3-860-1
Fixed End -----	3-860-2
Pipe Column -----	3-860-3
General Specifications -----	3-855
Typical Sections -----	3-862-1

ST0406422

PLAINTIFF'S EXHIBIT

DOW-2411

BRIDGES, PIPEWAY, STRUCTURAL STEEL (Cont'd.)

6-Ft. Wide	
40-Ft. Span -----	3-857-1
50-Ft. Span -----	3-857-2
60-Ft. Span -----	3-857-3
70-Ft. Span -----	3-857-4
80-Ft. Span -----	3-857-5
100-Ft. Span -----	3-857-6
8-Ft. Wide	
40-Ft. Span -----	3-858-1
50-Ft. Span -----	3-858-2
60-Ft. Span -----	3-858-3
70-Ft. Span -----	3-858-4
80-Ft. Span -----	3-858-5
100-Ft. Span -----	3-858-6

BRIDGES, TIMBER ----- 3-304

BUILDING ANCHORS, TEMPORARY BUILDINGS ----- 3-325

BUILDINGS

Carpentry, Millwork & Builders' Hardware -----	3-305
Prefabricated -----	3-820
Temporary, Hurricane Anchors -----	3-325

CARPENTRY

General Specifications -----	3-305
Timber Bridges and Structures -----	3-304

CAR PULLER, SNATCH BLOCK BASE ----- 3-210

CATCH BASINS

Assembly Details -----	2-210-1
Gratings	

Cast Iron -----	2-280
Wood -----	2-285

CAUTION SIGNS, RAILROAD ----- 2-550

CEMENT, ACID PROOF ----- 3-150

CEMENT GUN WORK, GUNITING ----- 2-401

CEMENT STABILIZED SAND-SHELL, FLEXIBLE BASE ----- 2-650

CLAMPS, FLOOR GRATING ----- 3-802

CLEARANCES, RAILROADS & ROADWAYS (Also See Railroads) ----- 2-150

COATINGS, STRUCTURAL STEEL, PLASTIC AND RUBBER ----- 3-801

COMPACTION OF FILL ----- 2-110

COMPOSITE PILING ----- 3-645

CONCRETE

Catch Basin, Assembly Detail -----	2-210-1
Construction Joint, Walls on Footings -----	3-247-1, 3-247-2
Crack Control Joint -----	3-245
Encasement, Vitrified Clay Pipe -----	2-290
Expansion Joint, Walls & Slabs -----	3-250-1, 3-250-2
Finishing, General Specifications -----	3-201
Footings, Bases, & Foundations (See Foundations)	
Forming -----	3-201
General Specifications -----	3-201
Grouting -----	3-241
Guniting -----	2-410

BOOKS II & III INDEX

CONCRETE (Cont'd.)

Headwalls for Pipe Culverts & Drains -----	2-215
Pipe Culverts & Drains -----	2-205, 2-215
Pipe Supports	
Precast Pad -----	3-270
Precast Sleepers and Pads -----	3-271, 3-272
Precast Sleepers and Posts -----	3-273
Roof Decks -----	6-810
CONNECTIONS, METAL	
Aluminum to Dissimilar Metals -----	3-801
Columns, Pipeway Bridges	
Steel Pipe Columns -----	3-860-3
Structural Steel -----	3-860-1, 3-860-2
Structural Steel Bolting & Welding, In Field & Shop -----	3-801
CONSTRUCTION JOINTS, CONCRETE (See Joints)	
CRACK CONTROL JOINTS IN CONCRETE SLABS & WALLS -----	3-245
CULVERTS & DRAINS, CONCRETE PIPE -----	2-205, 2-215

DECKING

Openings -----	3-853
Platforms, Stairs, & Walkways -----	3-885
Roof (See Roofs)	
Timber Bridges -----	3-304
DEMPSTER FOUNDATION -----	3-231

DOORS

Built-Up Wood -----	3-310
Frames -----	3-305
Screens -----	3-305
Wood Sash -----	3-305

DRAINS

Acid Trench -----	3-520
Catch Basins -----	2-210-1
Concrete Pipe Culverts & Drains -----	2-205, 2-215
Manholes, Precast Concrete -----	2-250-1, 2-250-2
Vitrified Clay Pipe	
Concrete Encasement -----	2-290
Pipe & Fittings -----	4-407

EARTHWORK

Excavation & Fill -----	2-110
Guniting -----	2-410

ENCASEMENT FOR VITRIFIED CLAY PIPE, CONCRETE ----- 2-290

ERECTION & FABRICATION OF METAL STRUCTURES ----- 3-801

EXCAVATION & FILL ----- 2-110

EXPANSION JOINTS, STRUCTURAL

Concrete -----	3-250-1, 3-250-2
Pipeway Bridges -----	3-860-1

FABRICATION & ERECTION OF METAL STRUCTURES ----- 3-801

BOOKS II & III INDEX

HEADWALLS FOR CONCRETE PIPE CULVERTS -----	2-215
HIGH STRENGTH STEEL BOLTS -----	3-801
HOSE RACKS, FIRE OR SERVICE -----	3-320
HURRICANE ANCHORS, TEMPORARY BUILDINGS -----	3-325
 INSTRUMENT PANEL CONCRETE BASE -----	 3-216
 JOINTS, CONCRETE	
Construction, Walls on Footings -----	3-247-1, 3-247-2
Crack Control -----	3-245
General Specifications -----	3-201
Walls and Slabs	
Butt, Expansion -----	3-250-1
Keyed	
Construction, Minimum 6" Thick -----	3-247-2
Expansion -----	3-250-2
 KEYS IN CONCRETE WALLS & SLABS -----	 3-247-2, 3-250-2
 LADDERS & SAFETY CAGES, STEEL -----	 3-840
LOCKERS, WOOD	
Mechanical Ventilation -----	3-331
Natural Ventilation -----	3-330
LUMBER	
Bridges & Structures -----	3-304
Carpentry & Millwork -----	3-305
Handrails -----	3-885
Hose Rack -----	3-320
 MANHOLES, CONCRETE PRECAST -----	 2-250-1, 2-250-2
MASONRY	
Acid-Proof Brick Lining -----	3-510
Acid Trench -----	3-520
General Specifications -----	3-501
METAL STRUCTURES, FABRICATION & ERECTION -----	3-801
MILLWORK, GENERAL SPECIFICATIONS -----	3-305
MISCELLANEOUS SUPPORTS, CONCRETE -----	3-220
MORTAR -----	3-501, 3-510
 PARTITIONS, TOILET -----	 3-380
PILING	
Anchor -----	3-650
Anchorage, Wood Piles to Concrete -----	3-605
Driving Specifications -----	3-615

TS 0406426

PILING (Cont'd.)	
Composite -----	3-645
Concrete	
Cast in Place -----	3-651
Precast -----	3-650
Seawater -----	3-655-1, 3-655-2
Tapered -----	3-660
Steel H Bearing -----	3-670
Timber, Material & Treatment -----	3-665
PIPE BRACKETS, ANGLE IRON	
Bolting -----	3-815-2
Welding -----	3-815-1
PIPE SUPPORTS, CONCRETE	
Pads -----	3-270
Sleepers and Pads -----	3-271, 3-272
Sleepers and Posts -----	3-273
PIPE, VITRIFIED CLAY	
Concrete Encasement -----	2-290
Pipe and Fittings -----	4-407
PIPEWAY BRIDGES, STRUCTURAL STEEL (See Bridges, Pipeway)	
PLANT RAILROADS (See Railroads)	
PLANT ROADS (See Roads)	
PLASTIC, STRUCTURAL	
Coating, Structural Steel -----	3-801
Hose Racks -----	3-320
Panels and Glazing -----	3-420
PLATFORMS	
Stairs, Platforms & Railings -----	3-885
Vessel -----	3-818
PREFABRICATED BUILDINGS -----	
PUMP FOUNDATIONS, CONCRETE -----	
RAILINGS FOR STAIRS & PLATFORMS -----	
RAILROADS	
Ballast -----	2-560
Car Puller, Snatch Block Base -----	3-210
Caution Signs -----	2-550
Clearances	
Buildings -----	2-501
Diagram -----	2-150
Overhead -----	2-501
Fill, Typical Sections -----	2-560
General Specifications -----	2-501
Sections, Typical -----	2-560
REINFORCED PLASTIC PANELS -----	
REINFORCING STEEL -----	
ROADS	
Flexible Base -----	2-650
150' Right-Of-Way -----	2-617
200' Right-Of-Way -----	2-618

BOOKS II & III INDEX

ROOFS

Built Up -----	8-810
Concrete Decks -----	8-810
Corrugated Asbestos -----	8-802
Decks, Flat -----	8-810
Flashings & Sleeves	
For High Temperature -----	8-890
For Low Temperature -----	8-881
Hood through Corrugated Asbestos & Flat Roofs -----	8-880
Santaloy Flashed Vent Stacks -----	8-891
Reinforced Plastic Panels -----	3-420
Sloped Decks -----	8-810
Spray Pond or Submerged Roofing -----	8-810
Steel Roof Decks -----	3-801
RUBBER COATING, STRUCTURAL STEEL -----	3-801

SAFETY CAGES & LADDERS, STEEL -----	3-840
-------------------------------------	-------

SEWERS

Concrete Encasement -----	2-290
Manholes -----	2-250-1, 2-250-2
Vitrified Clay	
Concrete Encasement -----	2-290
Pipe and Fittings -----	4-407

SIDING AND ROOFING

Corrugated Asbestos -----	8-802
Reinforced Plastic Panels -----	3-420

SLEEVES

Anchor Bolt -----	3-203
Roof (See Roofs)	

SMOKING SHELTER -----	3-370
-----------------------	-------

STAIRS, PLATFORMS, & HANDRAILS -----	3-885
--------------------------------------	-------

STEEL

Bolts, High Strength -----	3-801
Ladders & Safety Cages -----	3-840
Piling (See Piling)	
Prefabricated Buildings -----	3-820
Roof Decks -----	3-801
Structures, Fabrication & Erection -----	3-801

STORAGE TANK FOUNDATIONS, OILED SAND CUSHION -----	3-240
--	-------

SUPPORTS, CONCRETE

Footings, Miscellaneous -----	3-220
Pipe (See Pipe Supports)	

TANK FOUNDATIONS, OILED SAND CUSHION -----	3-240
--	-------

TIMBER

Bridge & Structures -----	3-304
Decks for Platforms, Walkways, Etc. -----	3-885
Piling (See Piling)	
Roof Decks (See Roofs)	

ST0406428

TOILET PARTITIONS -----	3-380
TREATMENT, WOOD & TIMBER	
Bridges & Structures -----	3-304
Carpentry & Millwork -----	3-305
Piling -----	3-665
TRENCHES	
Acid -----	3-520
Gratings	
Cast Iron -----	2-280
Wood -----	2-285
UNDERREAMED FOOTINGS -----	3-69
VENTS, ROOF (See Roofs)	
VESSEL PLATFORM BRACKETS -----	3-818
VITRIFIED CLAY PIPE	
Concrete Encasement -----	2-290
Pipe & Fittings -----	4-407
WATER-PROOF JOINTS IN CONCRETE (See Joints, Concrete)	
WELDED CONNECTIONS (See Connections, Metal)	
WINDOWS	
General Specifications -----	3-305
Glass and Glazing -----	3-410
Screens -----	3-305
WOOD	
Carpentry & Millwork -----	3-305
Doors and Frames -----	3-305
Doors, Built-Up -----	3-310
Grating, Trench -----	2-285
Handrails -----	3-885
Hose Racks -----	3-320
Lockers -----	3-330, 3-331
Platform, Walkway, & Stair Decks -----	3-885
Roof Decks (See Roofs)	
Stair Treads -----	3-885
Toilet Partitions -----	3-380
Treatment	
Bridges & Structures -----	3-304
Carpentry & Millwork -----	3-305
Piling -----	3-665
Trench Grating -----	2-285
Windows -----	3-305

ST0406429